

1 CLOSED-LOOP COLOR CORRECTION USING LABORATORY-MEASURED
2 COLOR CUTOFFS ANCHORED TO FIELD-MEASURED BLACK-AND-WHITE

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5 ABSTRACT OF THE DISCLOSURE

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7 Absolute perceptual values are stored in the design
8 lab, for maximum-density-tone cutoffs — preferably a max-
9 imum yellow-blue chrominance b^* for yellow and minimum lu-
10 minosity L^* for other colorants. Automatic field opera-
11 tions in each printer then force the printer to subse-
12 quently print nominal full-saturation colorants so as to
13 match the stored values. In addition to the stored cut-
14 offs, black-and-white reference values measured in the
15 printer are also used in linearizing printer response, for
16 specific combinations of printing medium and printmode.

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